

<u>ADDENDUM-01</u>					
<u>Tender No. CMRL/PHASE-II/SYS/CP25-C3&5-ASA11/2023</u>					
<u>21-11-2023</u>					
S.No	Part	Section	Clause No.	Original bid condition	Revised bid condition
1	I	III	EQC 2.3.1	<p>In Case of JV: All Parties Combined: N/A Each Member: Must meet requirement One Member: N/A</p>	<p>In Case of JV: All Parties Combined: N/A Each Member: Must meet requirement # One Member: N/A</p> <p># In case any JV member is a wholly owned Indian Subsidiary of the other JV member, the JV as a whole (all parties combined) has to fulfil the requirements. In such a scenario, the criteria for each member requirement for the wholly owned Indian subsidiary will not be applicable, provided that they are part of JV.</p>
2	I	III	EQC 2.3.2	<p>In Case of JV: All Parties Combined: Must meet requirement Each Member: Must meet minimum 25% of the requirement One Member: N/A</p>	<p>In Case of JV: All Parties Combined: Must meet requirement Each Member: Must meet minimum 25% of the requirement # One Member: N/A</p> <p># In case any JV member is a wholly owned Indian Subsidiary of the other JV member, the JV as a whole (all parties combined) has to fulfil the requirements. In such a scenario, the criteria for each member requirement for the wholly owned Indian subsidiary will not be applicable, provided that they are part of JV.</p>

3	I	III	EQC 2.3.3	<p>In Case of JV: All Parties Combined: Must meet requirement Each Member: Must meet minimum 25% of the requirement One Member: N/A</p>	<p>In Case of JV: All Parties Combined: Must meet requirement Each Member: Must meet minimum 25% of the requirement # One Member: N/A</p> <p># In case any JV member is a wholly owned Indian Subsidiary of the other JV member, the JV as a whole (all parties combined) has to fulfil the requirements. In such a scenario, the criteria for each member requirement for the wholly owned Indian subsidiary will not be applicable, provided that they are part of JV.</p>
4	I	III	EQC 2.4.1	<p>In case of JV: All Parties Combined: N/A Each Member -> Must Meet Requirement One Member -> N/A</p>	<p>In case of JV: All Parties Combined: N/A Each Member -> Must Meet Requirement # One Member: N/A</p> <p># In case any JV member is a wholly owned Indian Subsidiary of the other JV member, the JV as a whole (all parties combined) has to fulfil the requirements. In such a scenario, the criteria for each member requirement for the wholly owned Indian subsidiary will not be applicable, provided that they are part of JV.</p>
5	I	III	EQC 2.4.2(a)	<p>Experience in Platform Screen Doors contracts in the role of Single entity without any specialist sub-contractor OR as a Specialist Sub-Contractor(iv) OR as a Member of the JV/Consortium(iv) without Specialist Sub-contractor and must have substantially(iii) completed between 1st January 2013 and the bid submission deadline, A minimum number of:</p>	<p>Experience in Platform Screen Doors contracts in the role of Single entity without any specialist sub-contractor OR as a Specialist Sub-Contractor(iv) OR as a Member of the JV/Consortium(iv) without Specialist Sub-contractor and must have substantially(iii) completed between 1st January 2013 and the bid submission deadline, A minimum number of:</p>

				<p>1. One work involving Construction of Platform Screen door system in Metrorail /Monorail/ People Mover/ Railway project/ Light Rail; of Value INR. 212 crores ⁽ⁱⁱ⁾ or above.</p> <p>Or</p> <p>2. Two works involving Construction of Platform Screen door system in Metrorail /Monorail/ People Mover/ Railway project/ Light Rail; each of Value INR 132 crores ⁽ⁱⁱ⁾ or above.</p> <p>Or</p> <p>3. Three works involving Construction of Platform Screen door system in Metrorail /Monorail/ People Mover/ Railway project/ Light Rail; each of Value INR 106 crores ⁽ⁱⁱ⁾ or above.</p>	<p>1. One work involving Construction of Platform Screen door system in Metrorail /Monorail/ People Mover/ Railway project/ Light Rail; of Value INR. 93 crores ⁽ⁱⁱ⁾ or above.</p> <p>Or</p> <p>2. Two works involving Construction of Platform Screen door system in Metrorail /Monorail/ People Mover/ Railway project/ Light Rail; each of Value INR 58 crores ⁽ⁱⁱ⁾ or above.</p> <p>Or</p> <p>3. Three works involving Construction of Platform Screen door system in Metrorail /Monorail/ People Mover/ Railway project/ Light Rail; each of Value INR 46 crores ⁽ⁱⁱ⁾ or above.</p>
6	III	VIII Part-A	Table-1 & Table-2	Summary of key dates, Site Access dates	Table-1 & Table-2 for revised summary of key dates & site access dates is enclosed as Annexure-A
7	II	VI-B	Appendices to PS, 1.5.8	The synchronization timings shall be validated in the CMRL test track to ensure similar behaviour for any combination of RS and PSD contractors.	The synchronization timings shall be validated to ensure similar behaviour for any combination of RS and PSD contractors.

Encl: Annexure-A

ANNEXURE-A

Table 1: Summary of Key dates:

Key Date Number	Key Date Description	Days from the date of the commencement	*Associated Price Centres for purposes of Liquidated Damages
PRE-KD-01	Complete Preliminary design of the PSD system	150	A2
PRE-KD-02	Prototype Assembly, Testing & Approval	580	B.S4b.2.1
PRE-KD-03	Completion of Life cycle test	780	B.S4b.2.2
Underground Package C3-UG 01			
UG 01-KD-01	Complete Final Detailed Design in accordance with Specification for Stage 5 package C3-UG01	400	C.S5.1
UG 01-KD-02	Complete delivery of PSD materials required (To be planned as per Individual site Access dates)	650-850	C.S5.2
UG 01-KD-03	Complete installation and static testing of the PSD system	1050	C.S5.3
UG 01-KD-04	Complete System Acceptance Test (including interface testing with OCC/BOCC) and integrated testing of PSD with On-Board ATC	1140	C.S5.4.1, C.S5.4.2
UG 01-KD-05	Issue of stand-alone Safety Case for PSD	1155	C.S5.4.5
UG 01-KD-06	Issue of Completion Certificate for PSD system	1185	C.S5.4.3, C.S5.4.4, C.S5.4.6, C.S5.4.7
UG 01-KD-07	Achieve Operational Acceptance for PSD System	1545	C.S5.4.8
Underground Package C3-UG 02			
UG 02-KD-01	Complete Final Detailed Design in accordance with Specification for Stage 5 package C3-UG02	450	C.S5.1
UG 02-KD-02	Complete delivery of PSD materials required (To be planned as per Individual site Access dates)	700-900	C.S5.2
UG 02-KD-03	Complete installation and static testing of the PSD system	1150	C.S5.3
UG 02-KD-04	Complete System Acceptance Test (including interface testing with OCC/BOCC) and integrated testing of PSD with On-Board ATC	1240	C.S5.4.1, C.S5.4.2
UG 02-KD-05	Issue of stand-alone Safety Case for PSD	1255	C.S5.4.5
UG 02-KD-06	Issue of Completion Certificate for PSD system	1285	C.S5.4.3, C.S5.4.4, C.S5.4.6, C.S5.4.7
UG 02-KD-07	Achieve Operational Acceptance for PSD System	1645	C.S5.4.8
Underground Package C3-UG 03			
UG 03-KD-01	Complete Final Detailed Design in accordance with Specification for Stage 6	500	D.S6.1
UG 03-KD-02	Complete delivery of PSD materials required (To be planned as per Individual site Access dates)	700-1000	D.S6.2

Key Date Number	Key Date Description	Days from the date of the commencement	*Associated Price Centres for purposes of Liquidated Damages
UG 03-KD-03	Complete installation and static testing of the PSD system	1260	D.S6.3
UG 03-KD-04	Complete System Acceptance Test (including interface testing with OCC/BOCC) and integrated testing of PSD with On-Board ATC	1350	D.S6.4.1, D.S6.4.2
UG 03-KD-05	Issue of stand-alone Safety Case for PSD	1365	D.S6.4.5
UG 03-KD-06	Issue of Completion Certificate for PSD system	1395	D.S6.4.3, D.S6.4.4, D.S6.4.6, D.S6.4.7
UG 03-KD-07	Achieve Operational Acceptance for PSD System	1755	D.S6.4.8
Underground Package C3-UG 04			
UG 04-KD-01	Complete Final Detailed Design in accordance with Specification for Stage 7 package C3-UG04	600	E.S7.1
UG 04-KD-02	Complete delivery of PSD materials required (To be planned as per Individual site Access dates)	700-1100	E.S7.2
UG 04-KD-03	Complete installation and static testing of the PSD system	1280	E.S7.3
UG 04-KD-04	Complete System Acceptance Test (including interface testing with OCC/BOCC) and integrated testing of PSD with On-Board ATC	1370	E.S7.4.1, E.S7.4.2
UG 04-KD-05	Issue of stand-alone Safety Case for PSD	1385	E.S7.4.5
UG 04-KD-06	Issue of Completion Certificate for PSD system	1415	E.S7.4.3, E.S7.4.4, E.S7.4.6, E.S7.4.7
UG 04-KD-07	Achieve Operational Acceptance for PSD System	1775	E.S7.4.8
Underground Package C3-UG 05			
UG 05-KD-01	Complete Final Detailed Design in accordance with Specification for Stage 7 package C3-UG05	600	E.S7.1
UG 05-KD-02	Complete delivery of PSD materials required (To be planned as per Individual site Access dates)	700-1100	E.S7.2
UG 05-KD-03	Complete installation and static testing of the PSD system	1300	E.S7.3
UG 05-KD-04	Complete System Acceptance Test (including interface testing with OCC/BOCC) and integrated testing of PSD with On-Board ATC	1390	E.S7.4.1, E.S7.4.2
UG 05-KD-05	Issue of stand-alone Safety Case for PSD	1405	E.S7.4.5
UG 05-KD-06	Issue of Completion Certificate for PSD system	1465	E.S7.4.3, E.S7.4.4, E.S7.4.6, E.S7.4.7
UG 05-KD-07	Achieve Operational Acceptance for PSD System	1825	E.S7.4.8
Underground Package C5-UG 06			
UG 06-KD-01	Complete Final Detailed Design in accordance with Specification for Stage 4b	500	B.S4b.1

Key Date Number	Key Date Description	Days from the date of the commencement	*Associated Price Centres for purposes of Liquidated Damages
UG 06-KD-02	Complete delivery of PSD materials required (To be planned as per Individual site Access dates)	850-950	B.S4b.2.3 to B.S4b.2.6
UG 06-KD-03	Complete installation and static testing of the PSD system	1236	B.S4b.3
UG 06-KD-04	Complete System Acceptance Test (including interface testing with OCC) and integrated testing of PSD with On-Board ATC	1326	B.S4b.4.1, B.S4b.4.2
UG 06-KD-05	Issue of stand-alone Safety Case for PSD	1341	B.S4b.4.5
UG 06-KD-06	Issue of Completion Certificate for PSD system	1371	B.S4b.4.3, B.S4b.4.4, B.S4b.4.6, B.S4b.4.7
UG 06-KD-07	Achieve Operational Acceptance for PSD System	1731	B.S4b.4.8

Note:

* For the individual packages C3-UG01, C3-UG02 (Stage 5) & C3-UG04, C3-UG05 (Stage 7), calculation of liquidated damages shall be on pro-rata basis as per associated price centres for these stages.

Table 2: Site Access Dates

	All Contracts	Civil Contracts			Track	MEP Contractor			VAC Contractor
Package	Station Name	Access to cable trunking supports beneath platform coping for full length of the platform	Access to PSD equipment room in D-3 condition	Platform slab interface for PSD installation as per Schedule of Dimensions and as per mutually agreed interface drawings	Finished track with all critical welding and furnishing as-built rail levels & track centre locations in platform area	Cable trays linking SER-SCR till Platform Coping (elevated stations) and till header box cable entry (UG stations); additionally cable trays till MSD& LCP locations in UG stations	Earth bars in SER-SCR and Platform ends for PSD earthing together with connectivity to Station Main Earth pit	Provision of UPS outlets for PSD loads & energization of UPS	Provision of Air-Conditioning in UG Stations
		1st Fix				2nd Fix	Final Fix	Final Fix	Final Fix
C3-UG 01	Any one of the Station	685	655	770	725	715	775	775	715
C3-UG 01	Additional 2 Stations	785	755	800	755	815	875	875	815
C3-UG 01	All remaining Stations	885	855	930	880	915	975	975	915
C3-UG 02	Any one of the Station	720	690	770	725	750	810	810	750
C3-UG 02	Additional 2 Stations	810	860	960	910	840	900	900	920
C3-UG 02	All remaining Stations	1090	1030	1000	950	1120	1180	1180	1090

	All Contracts	Civil Contracts			Track	MEP Contractor			VAC Contractor
Package	Station Name	Access to cable trunking supports beneath platform coping for full length of the platform	Access to PSD equipment room in D-3 condition	Platform slab interface for PSD installation as per Schedule of Dimensions and as per mutually agreed interface drawings	Finished track with all critical welding and furnishing as-built rail levels & track centre locations in platform area	Cable trays linking SER-SCR till Platform Coping (elevated stations) and till header box cable entry (UG stations); additionally cable trays till MSD& LCP locations in UG stations	Earth bars in SER-SCR and Platform ends for PSD earthing together with connectivity to Station Main Earth pit	Provision of UPS outlets for PSD loads & energization of UPS	Provision of Air-Conditioning in UG Stations
C3-UG 03	Any one of the Station	735	805	870	820	765	825	825	865
C3-UG 03	Additional 2 Stations	890	920	980	930	920	980	980	980
C3-UG 03	All remaining Stations	1060	1035	1140	1090	1090	1150	1150	1095
C3-UG 04	Any one of the Station	705	775	850	800	735	795	795	835
C3-UG 04	Additional 2 Stations	895	895	910	860	925	985	985	955
C3-UG 04	All remaining Stations	1105	1120	1160	1110	1135	1195	1195	1180
C3-UG 05	Any one of the Station	765	735	920	870	795	855	855	795
C3-UG 05	Additional 2 Stations	920	930	1120	1070	950	1010	1010	990

	All Contracts	Civil Contracts			Track	MEP Contractor			VAC Contractor
<i>Package</i>	<i>Station Name</i>	<i>Access to cable trunking supports beneath platform coping for full length of the platform</i>	<i>Access to PSD equipment room in D-3 condition</i>	<i>Platform slab interface for PSD installation as per Schedule of Dimensions and as per mutually agreed interface drawings</i>	<i>Finished track with all critical welding and furnishing as-built rail levels & track centre locations in platform area</i>	<i>Cable trays linking SER-SCR till Platform Coping (elevated stations) and till header box cable entry (UG stations); additionally cable trays till MSD& LCP locations in UG stations</i>	<i>Earth bars in SER-SCR and Platform ends for PSD earthing together with connectivity to Station Main Earth pit</i>	<i>Provision of UPS outlets for PSD loads & energization of UPS</i>	<i>Provision of Air-Conditioning in UG Stations</i>
C3-UG 05	All Stations	1090	1140	1180	1135	1120	1180	1180	1200
C5-UG 06	Any one of the Station	901	941	980	931	931	991	991	1001
C5-UG 06	Additional 2 Stations	991	1021	990	941	1021	1081	1081	1081
C5-UG 06	All remaining Stations	1086	1106	990	941	1116	1176	1176	1166